## INTERNATIONAL SEARCH REPORT

International Application No PCT/JP 03/15591

According to International Patent Classification (IPC) or to both national classification and IPC  B. FIELDS SEARCHED  Minimum documentation searched (dissification system followed by classification symbols)  IPC 7 GO3F G11B  Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched  Electronic data base consulted during the International search (name of data base and, where practical, search terms used)  EPO—Internal, WPI Data, PAJ, INSPEC, COMPENDEX  C. DOCUMENTS CONSIDERED TO BE RELEVANT  Category* Catalon of document, with indication, where appropriate, of the relevant passages  Relevant to dain No.  Y  US 6 518 189 B1 (CHOU STEPHEN Y)  11 February 2003 (2003–02–11)  the whole document  Y  US 5 772 905 A (CHOU STEPHEN Y)  30 June 1998 (1998–06–30)  cited in the application of the application of the application of the whole document  Y  US 2003/072971 A1 (FUKUTANI KAZUHIKO ET  AL) 17 April 2003 (2003–04–17)  paragraphs '0081! - 0105!  Patent family members are listed in annex.  1 Leader document defining the general state of the an which is not considered to be of paticular reviewness (an extension or other special reason (as specified)  1 Special casegories of cited documents:  1 Paragraphs '0081! - 0105!  Patent family members are listed in annex.  1 Leader document published after the stiernational lifting date or priority date state or other special reason (as specified)  1 Cocument which may involve doubts on priority, daining or whoch is called reason the claimed invention action by when the document is taken alone or other special reason (as specified)  1 Cocument published prior to the international lifting date but in the critical priority and extension or other special reason (as specified)  1 Cocument published prior to the international lifting date but in the critical condition or other special reason (as specified)  2 Cocument control condition is the condition or other special reason (as specified)  3 Cocument control conditio				101/01 03/	15551		
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Y US 6 518 189 B1 (CHOU STEPHEN Y) 11 February 2003 (2003–02–11) the whole document  Y US 5 772 905 A (CHOU STEPHEN Y) 30 June 1998 (1998–06–30) cited in the application the whole document  Y US 2003/072971 A1 (FUKUTANI KAZUHIKO ET AL) 17 April 2003 (2003–04–17) paragraphs '0081!-'0105!    Further documents are isled in the conlinuation of box C.   X Patent family members are listed in annex.    *Special categories of cited documents:   A document defining the general state of the art which is not considered to be of particular relevance.   *Special categories of cited documents:   A document defining the general state of the art which is not considered to be of particular relevance.   *Special categories of cited documents:   A document defining the general state of the art which is not considered to be of particular relevance.   **Coursent of particular relevance; the claimed invention cannot be considered now or cannot be considered to involve an inventive step when the document is combined invention cannot be considered to inventive step when the document is combined invention or more other such documents, such combination being obvious to a person skilled in the art.	C. DOCUME	ENTS CONSIDERED TO BE RELEVANT					
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Name and mailing address of the ISA  European Patent Office, P.B. 5818 Patentlaan 2  NL - 2280 HV Rijswijk  Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,  Fax: (+31-70) 340-3016  Authorized officer  Ludi, M	Name and I	European Patent Office, P.B. 5818 Patentlaan 2 NL - 2280 HV Rijswijk Tel. (+31-70) 340-2040, Tx. 31 651 epo ni,		<b>.</b>			

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Information on patent family members

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